

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A method for treating an acute or chronic spinal cord lesion in a patient, comprising administering to the patient a composition comprising 3 β -methoxy-pregna-5-ene-20-one (3-methoxy-PREG), 3 β -methoxy-pregna-5-ene-20-one-17 α -dichloromethyl, or 3 β -methoxy-5 α -pregnan-20-one,

wherein the composition is administered to the patient in an amount effective to stimulate polymerization and/or stabilization of microtubules in the patient treat the acute or chronic spinal cord lesion.

2. (Previously Presented) The method according to claim 1, wherein said acute or chronic spinal cord lesion is medullary spinal cord compression.

3. (Previously Presented) The method according to claim 1, wherein said composition also comprises an excipient that makes it possible to formulate the molecule derived from pregnenolone to cross the blood-brain barrier.

4. (Previously Presented) The method according to claim 1, wherein said composition is administered by injection.

5. (Previously Presented) The method according to claim 1, wherein said composition is administered orally.

6-7. (Cancelled)

8. (Previously Presented) The method according to claim 1, wherein said composition comprises a quantity of 3-methoxy-PREG ranging between 50 and 2500 mg.

9-31. (Cancelled)